



0065341

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

05-AMCP- 0287

MAY 31 2005

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
3100 Port of Benton Boulevard
Richland, Washington 99354

RECEIVED
JUN 13 2005

EDMC

Dear Mr. Wilson:

TRANSMITTAL OF REVISED SCHEDULE OF THE REMEDIAL INVESTIGATION/
FEASIBILITY STUDY (RI/FS) WORK PLAN FOR TANKS/LINES/PITS/BOXES/SEPTIC
TANKS AND DRAIN FIELDS WASTE GROUP OPERABLE UNIT, 200-IS-1 AND 200-ST-1,
DOE/RL-2002-14, REVISION 1, DRAFT A

- References:
- (1) RL ltr. to M. A. Wilson, Ecology, from K. A. Klein, "Remedial Investigation Feasibility Study (RI/FS) Work Plan for Tanks/Lines/Pits/Boxes/Septic Tanks and Drain Fields Waste Group Operable Unit, 200-IS-1 and 200-ST-1," 05-AMCP-0248, dtd. May 3, 2005.
 - (2) RL ltr. to J. B. Price, Ecology, from K. A. Klein, "Remedial Investigation/Feasibility Study (RI/FS) Work Plan for Tanks/Lines/Pits/Boxes/Septic Tanks and Drain Fields Waste Group Operable Unit, 200-IS-1 and 200-ST-1," 05-AMCP-0200, dtd. March 16, 2005.
 - (3) Ecology ltr. to M.S. McCormick, RL, from J. B. Price, "Remedial Investigation/Feasibility Study (RI/FS) Work Plan for Tanks/Lines/Pits/Boxes/Septic Tanks and Drain Fields Waste Group Operable Unit, 200-IS-1 and 200-ST-1," dtd. February 25, 2005.

63323

On February 25, 2005, the State of Washington, Department of Ecology (Ecology) notified the U.S. Department of Energy, Richland Operations Office (RL) that they had major issues with the 200-IS-1 and 200-ST-1 RI/FS Work Plan that was submitted December 22, 2004, and suggested that resolution of these concerns would be done in accordance with the dispute resolution process described in the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Legal Agreement, Article VIII. These discussions were initiated at the project manager level.

On May 3, 2005, RL committed to continued collaborative discussions with Ecology on the 200-IS-1 and 200-ST-1 RI/FS Work Plan. During these discussions, it was determined that the clarity of the document could be enhanced as well as a more detailed plan was needed to address project challenges.

MAY 31 2005

A recovery schedule was developed that includes the following assumptions:

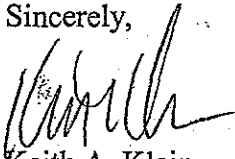
- Approval of the current Sampling and Analysis Plan within the limits of the Tri-Parties Agreement for the tanks and septic systems
- Sampling of tank contents is not necessary to characterize the tanks, based on sufficient process knowledge
- Pipeline investigation assumes six waste types include radiological components plus:
 - High Organic/Low pH waste
 - High Organic/near neutral pH waste
 - Very High Salt/High pH waste
 - Chelates/High Salts waste
 - Low Organic/Low pH waste
 - Low Organic/Low Salts/Near Neutral pH waste
- Phase II field work assumes direct pushes to 20 feet
- Phase II field work assumes field investigation of one pipeline per waste type
- Phase II field work assumes 7 samples per waste type to obtain 42 samples

The attached schedule mitigates any impact to follow-on Tri-Party Agreement workscope. Data collection and evaluation will be performed over the next several weeks, followed by a mid-July kick-off to revise the work plan. Our joint effort will support clarification of the work plan in parallel with phased field investigation that will support a decision document for tanks and septic systems by February 2007, and pipelines by October 2008. In addition, clear decision logic will be prepared describing how the 200-IS-1 waste sites will be investigated with potential "binning" logic for remedial actions.

As stated in my May 3, 2005, letter on this effort, RL will work with Ecology to define the characterization and remedial decision criteria; coordinate with the U.S. Department of Energy, Office of River Protection and the U Plant Pipeline Engineering Evaluation and Cost Analysis Project; incorporate lessons-learned for characterizing and remediating pipelines; and as appropriate, utilize the Data Quality Objective process to assist in evaluating sub-surface characterization technologies.

If there are any questions, please contact me, or your staff may contact Matt McCormick, Assistant Manager for the Central Plateau, on (509) 373-9971.

Sincerely,



Keith A. Klein
Manager

AMCP:KDL

Attachment

cc: See page 3

Mr. Michael A. Wilson
05-AMCP-0287

-3-

MAY 31 2005

cc w/attach:

G. Bohnee, NPT

C. E. Cameron, EPA

N. Ceto, EPA

L. J. Cusack, Ecology

S. Harris, CTUIR

M. N. Jaraysi, CH2M

R. Jim, YN

J. J. Lyon, Ecology

T. Martin, HAB

K. Niles, ODOE

Administrative Record (200-IS-1, 200-ST-1)

Environmental Portal

cc w/o attachs:

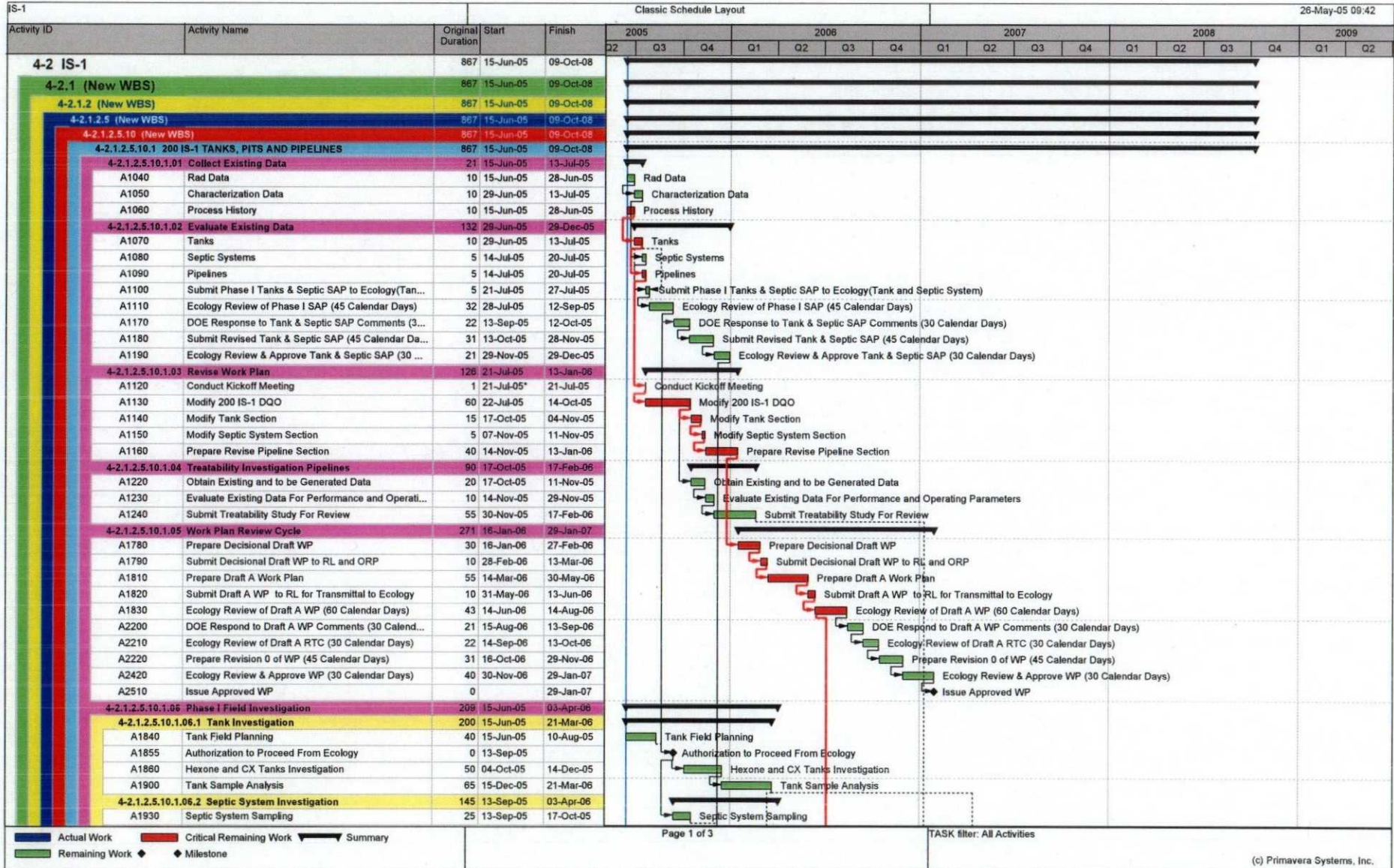
L. D. Crass, FHI

J. S. Hertz, FHI

M. Hickey, FHI

M. E. Todd-Robertson, FHI

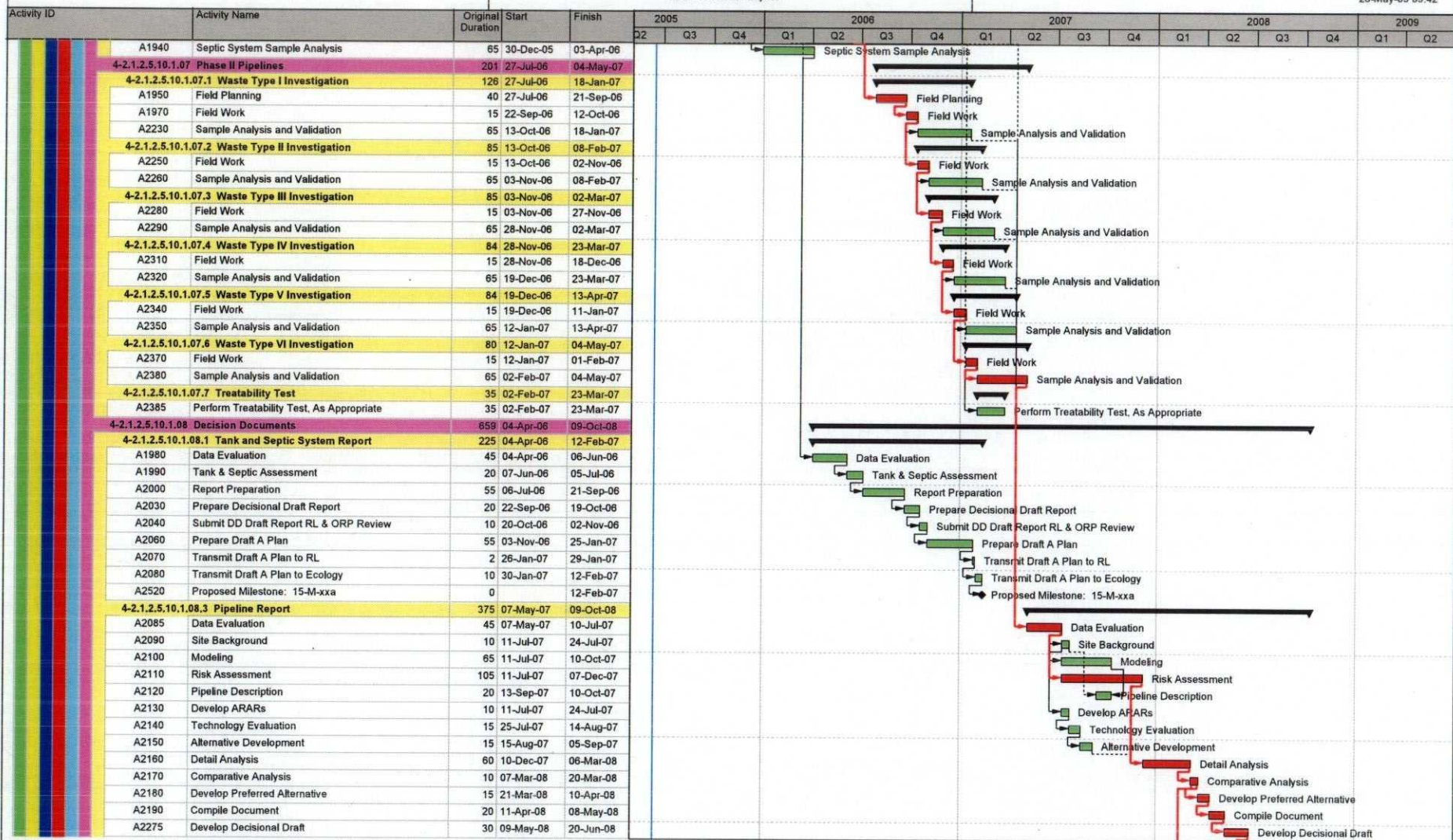
E. J. Murphy-Fitch, FHI



S-1

Classic Schedule Layout

26-May-05 09:42



█ Actual Work
 █ Critical Remaining Work
 █ Remaining Work
 ▶ Summary
 ◆ Milestone
 ◆ Milestone

Page 2 of 3

TASK filter: All Activities

(c) Primavera Systems, Inc.

